

# **West Virginia Higher Education Report Card, 2002**

1018 Kanawha Boulevard, East  
Suite 700  
Charleston, WV 25301

**A Policy Commission Report**

# **WEST VIRGINIA HIGHER EDUCATION POLICY COMMISSION**

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Dr. J. Michael Mullen

## **Policy Commission**

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Mary Clare Eros, Esq., Vice Chair  
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Kay H. Goodwin  
R. Ken Hall  
John R. Hoblitzell, Esq.  
Terry R. Sammons, Esq.  
Dr. David L. Stewart  
Shawn R. Williams

**1018 Kanawha Boulevard, East  
Suite 700  
Charleston, West Virginia 25301  
Telephone: (304) 558-2101  
FAX: (304) 558-5719  
<http://www.hepc.wvnet.edu>**

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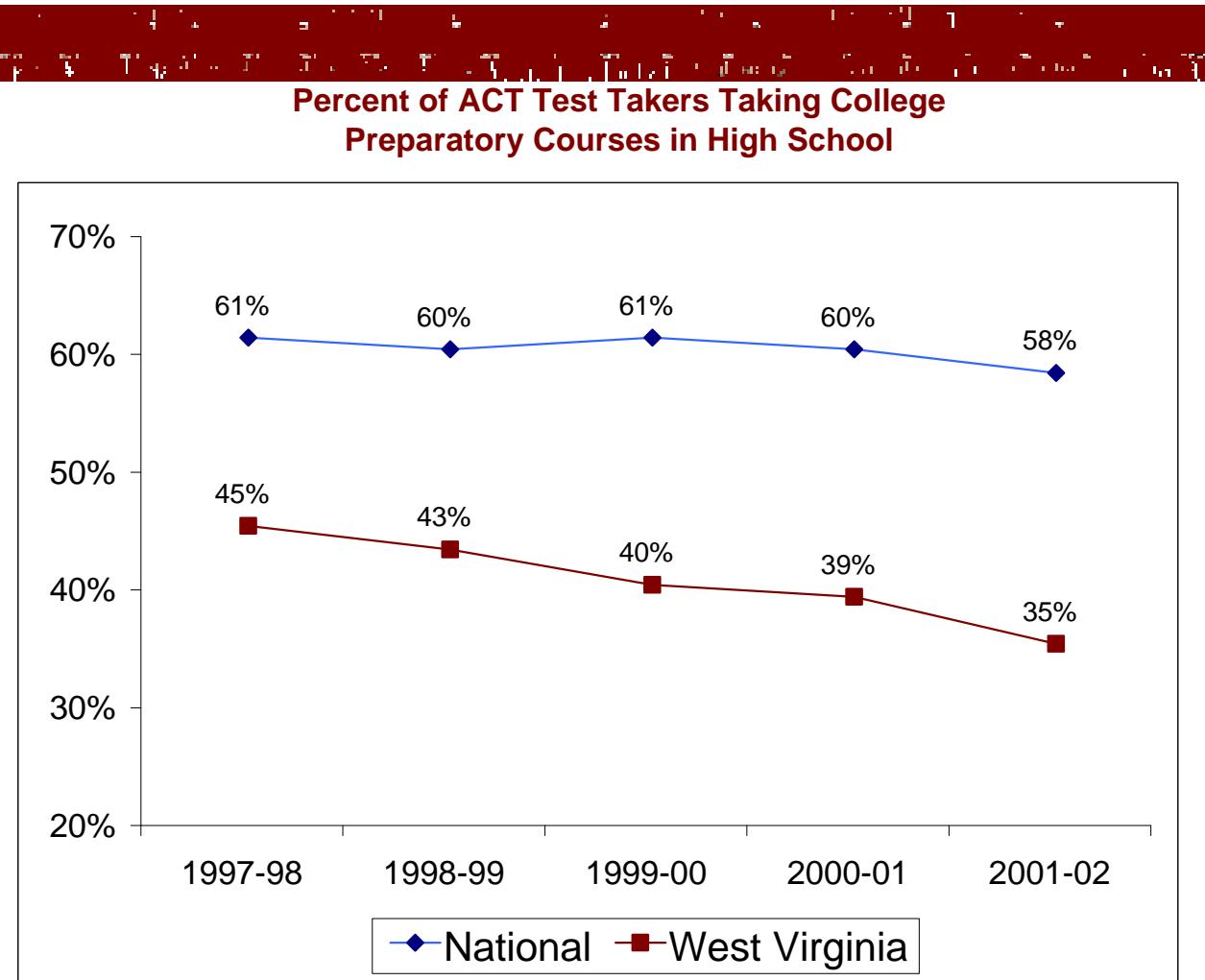
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# Preparation

Research has shown that there is a strong connection between high school course taking and college success. Only 35% of the 2001-02 ACT test takers in West Virginia took the minimum college preparatory courses in high school. This percentage has actually fallen from 45% for the 1997-98 class, and is considerably lower than the 58% nationwide rate.

The minimum college preparatory core has been defined by ACT as four years of English, three years of mathematics, three years of natural science, and three years of social science. Recent changes in high school graduation standards have increased the number of core courses required to graduate. The increased standards are expected to increase the percentage of students taking a college preparatory curriculum. This is likely to reduce the percentage of incoming freshmen who need to take developmental courses in mathematics and English, which will in turn increase retention and graduation levels for these students.

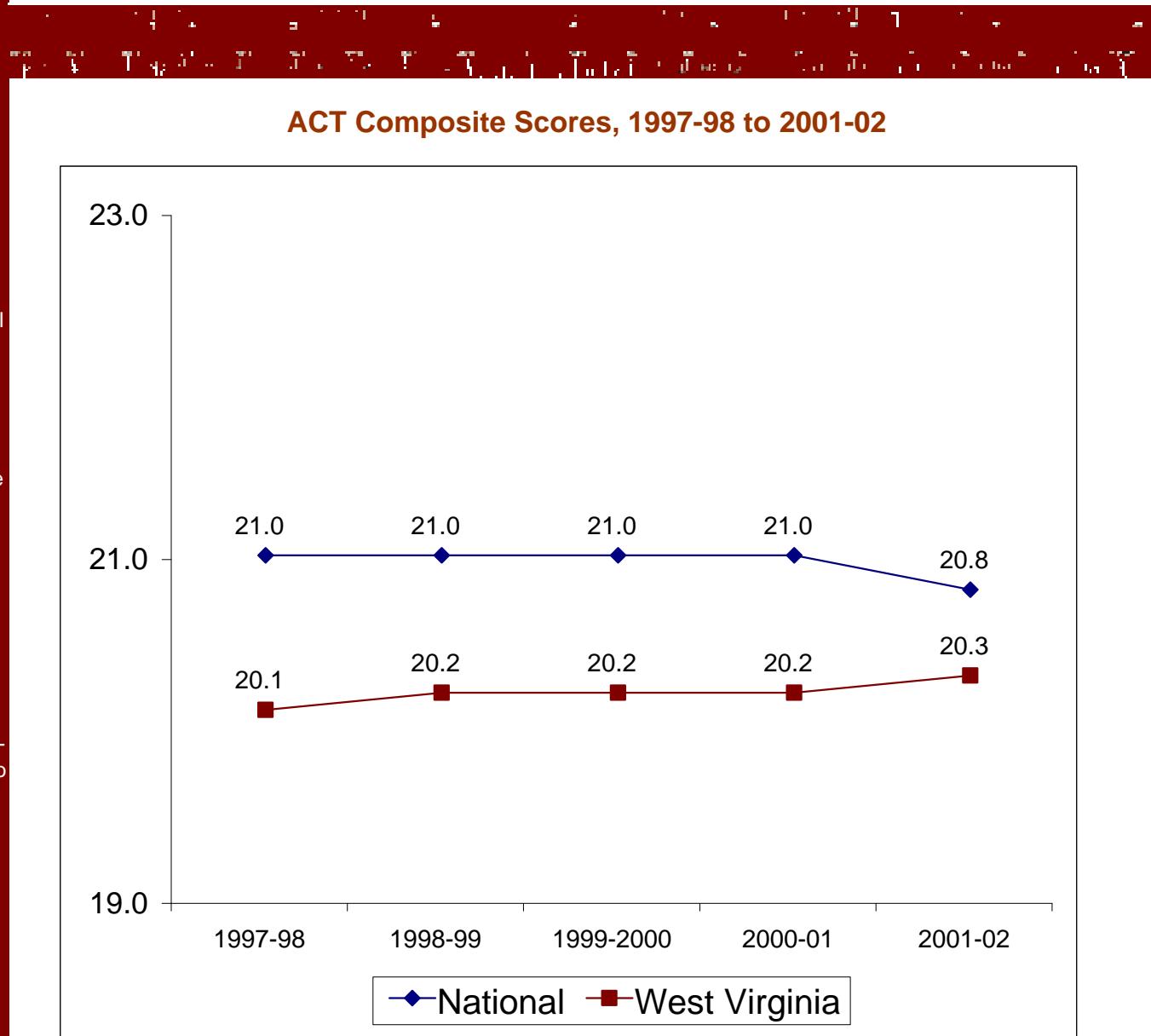


# Preparation

The ACT is a widely used examination for gauging the level of students' preparation for college level work, and most West Virginia high school students who enroll in in-state public colleges take the ACT. A student's composite score on the ACT reflects the average performance on the math, science, English and reading components of the test.

Nationally, performance on the ACT has fallen slightly over the last five years, from 21 to 20.8.

In West Virginia, the average composite ACT score has risen slightly over the 1997-98 to 2001-02 period, increasing from 20.1 to 20.3.



# Preparation

The closing gap between West Virginia and the nation in terms of ACT composite scores is welcome news. However, an examination of ACT test results by subject reveals areas where significant improvement must occur. In 1997-98, West Virginia's ACT average composite score was 20.1, .9 less than the national average of 21.0. By 2001-02, this gap had closed to .5.

Significant progress was made in English and Reading. West Virginia's 2001-02 average English score of 20.3 exceeds the national average of 20.2 and West Virginia's reading average of 21.0 almost equals the national average of 21.1.

Math and science remain as weak areas. In 1997-98 West Virginia's average math score was 19.0, almost two full points below the national average of 20.8. Some progress was made through 2001-02, but the gap is still one and half points. West Virginia's average science score remained constant at 20.4. The gap between West Virginia and the nation closed from .7 to .4 because of a decrease in the national figure.

ACT Scores by Subject Area, 1997-98 to 2001-02

	West Virginia					
	All West Virginia Test-Takers		Enrolled in WV Public Higher Education		National, All Test-Takers	
	1997-98	2001-02	Fall 1997	Fall 2001	1997-98	2001-02
Composite	20.1	20.3	19.7	20.1	21.0	20.8
Math	19.0	19.1	18.4	18.7	20.8	20.6
English	19.9	20.3	19.3	20.0	20.4	20.2
Reading	20.7	21.0	20.5	21.0	21.4	21.1
Science	20.4	20.4	20.2	20.5	21.1	20.8

# Preparation

A large percentage of West Virginia high school graduates enter college not fully prepared.

These students must take developmental math or English before they can take regular college courses. Developmental courses do not count toward graduation, and students who begin college needing developmental coursework have lower retention and graduation rates than better prepared students.

35% of recent West Virginia high school graduates required developmental courses in Fall 2001. Math was the area of biggest weakness, with 31% requiring developmental work, compared to 16% who required developmental courses in English, writing, or reading. There are large differences between community college students and baccalaureate students in developmental course taking. Statewide, 57% of freshmen community college students took at least one developmental course in their first semester, compared to 26% for their baccalaureate counterparts.

**Fall 2001 Developmental Course Enrollment, Recent West Virginia High School Graduates**

	Number Enrolled	Percent in Developmental Courses		
		English-Related	Math	Any
<b>Baccalaureate Students</b>				
Bluefield State College	23	43%	61%	74%
Concord College	455	14%	39%	42%
Fairmont State College	487	17%	40%	45%
Glenville State College	183	14%	37%	39%
Marshall University	1,248	5%	30%	32%
Shepherd College	289	21%	33%	37%
West Liberty State College	319	14%	14%	27%
West Virginia State College	202	40%	56%	67%
West Virginia University *	1,695	0%	0%	0%
WVU Institute of Technology	263	8%	36%	38%
<b>Community College Students</b>				
Bluefield State Comm. & Tech. College	206	33%	50%	54%
Eastern WV Comm. & Tech. College	9	22%	33%	44%
Fairmont State Comm. & Tech. College	305	35%	44%	58%
Glenville State Comm. & Tech. College	98	23%	56%	59%
Marshall Comm. & Tech. University	201	61%	74%	80%
Potomac State College of WVU	232	9%	32%	35%
Shepherd Comm. & Tech. College	64	38%	52%	80%
Southern WV Comm. & Tech. College	356	41%	57%	62%
WV Northern Community College	136	25%	39%	47%
WV State Comm. & Tech. College	139	53%	52%	70%
WVUIT Comm. & Tech. College	76	14%	42%	45%
WVU at Parkersburg	360	31%	47%	57%
<b>All Baccalaureate Students</b>	<b>5,164</b>	<b>9%</b>	<b>23%</b>	<b>26%</b>
<b>All Community College Students</b>	<b>2,182</b>	<b>34%</b>	<b>50%</b>	<b>57%</b>
<b>Total</b>	<b>7,346</b>	<b>16%</b>	<b>31%</b>	<b>35%</b>

\* West Virginia University offers non-credit developmental courses.

# Preparation

Provision of developmental courses is an important service provided by higher education, since a high proportion of incoming freshmen enter college with a lack of preparation in at least one academic area.

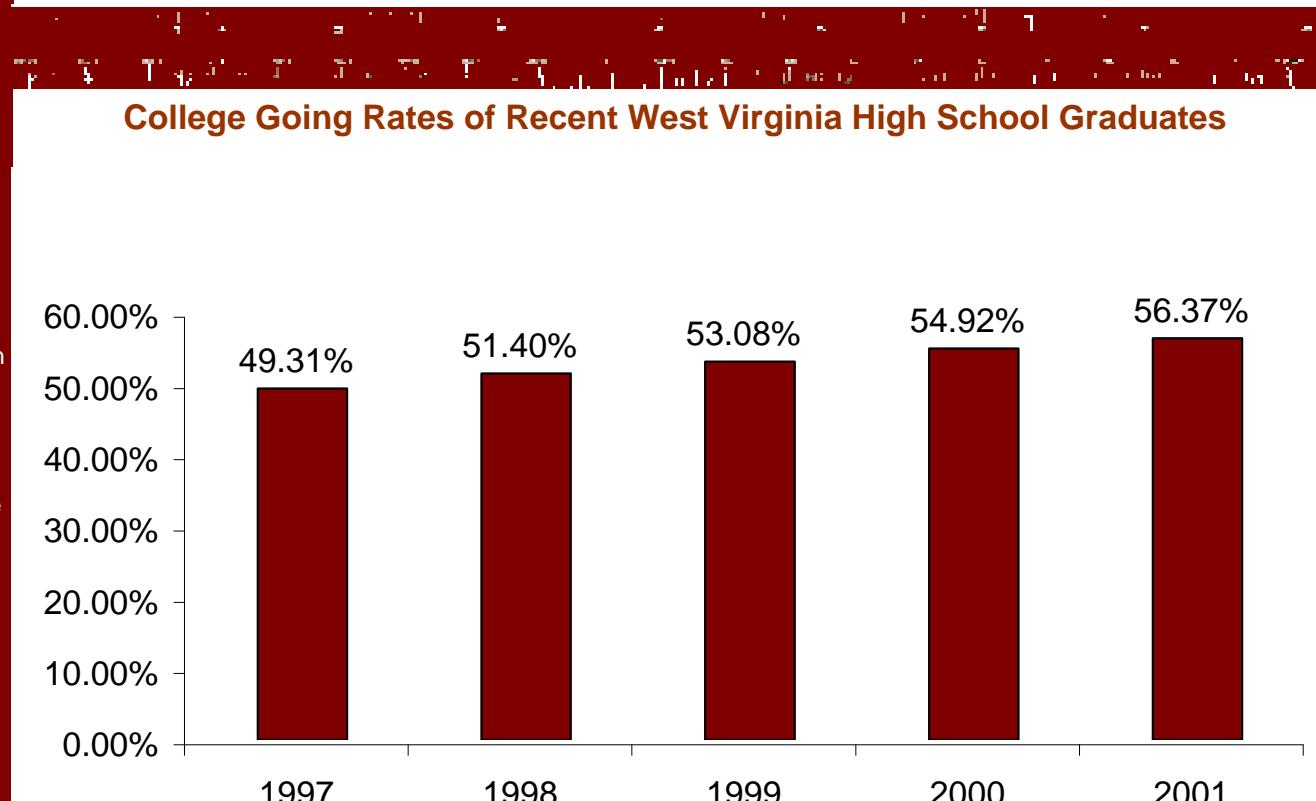
This is especially critical for older students who have finished high school several years ago. They may have been adequately prepared immediately upon leaving high school, but after several years have passed they might require developmental courses to refresh their basic skills.

Enrollment rates in developmental courses are considerably higher for students 25 years and older. Overall, the developmental enrollment rate for older first-time freshmen is 48% compared to 33% for younger first-time freshmen. The rate is 44% for adults entering baccalaureate colleges compared to 49% for those entering community colleges.

**Developmental Course Enrollment of First-Time Freshman Students by Age Group, Fall 2001**

	Number Enrolled	English-Related Developmental Courses	Developmental Math Courses	Any Developmental Courses
<b>25 and Older</b>				
All Baccalaureate Students	241	22%	39%	44%
All Community College Students	1,001	28%	42%	49%
<b>Total</b>	<b>1,242</b>	<b>27%</b>	<b>41%</b>	<b>48%</b>
<b>Baccalaureate Students</b>				
Bluefield State College	10	40%	60%	70%
Concord College	16	19%	44%	44%
Fairmont State College	10	20%	60%	60%
Glenville State College	34	24%	53%	53%
Marshall University	62	24%	44%	52%
Shepherd College	25	24%	52%	56%
West Liberty State College	5	20%	20%	20%
West Virginia State College	36	42%	39%	56%
West Virginia University	38	0%	0%	0%
WVU Institute of Technology	5	0%	20%	20%
<b>Community College Students</b>				
Bluefield State Comm. & Tech. College	123	33%	57%	62%
Eastern WV Comm. & Tech. College	20	10%	15%	20%
Fairmont State Comm. & Tech. College	157	27%	27%	38%
Glenville State Comm. & Tech. College	76	13%	32%	34%
Marshall Comm. & Tech. University	102	32%	34%	45%
Shepherd Comm. & Tech. College	43	26%	47%	49%
Southern WV Comm. & Tech. College	128	31%	41%	45%
WV Northern Community College	104	19%	53%	61%
WV State Comm. & Tech. College	71	25%	42%	46%
Potomac State College of WVU	16	25%	31%	31%
WVUIT Comm. & Tech. College	24	38%	67%	67%
WVU at Parkersburg	137	35%	50%	58%
<b>24 and Younger, Summary Results</b>				
All Baccalaureate Students	8,606	9%	19%	22%
All Community College Students	3,446	34%	50%	59%
<b>Total</b>	<b>12,052</b>	<b>16%</b>	<b>28%</b>	<b>33%</b>

# Participation



The college going rate of recent high school graduates is a good measure of how much progress

West Virginia is making in increasing the level of college participation for young adults. In 1994, 50% of West Virginia's high school graduates immediately attended college, compared to 53% for the southern states and 57% for the entire United States. By 2001, the West Virginia college going rate had exceeded 56%, very close to the Fall 2000 national figure of 56.7%.

These increases in college participation are welcome signs of progress, but more needs to be done to surpass the national level and meet statewide goals.

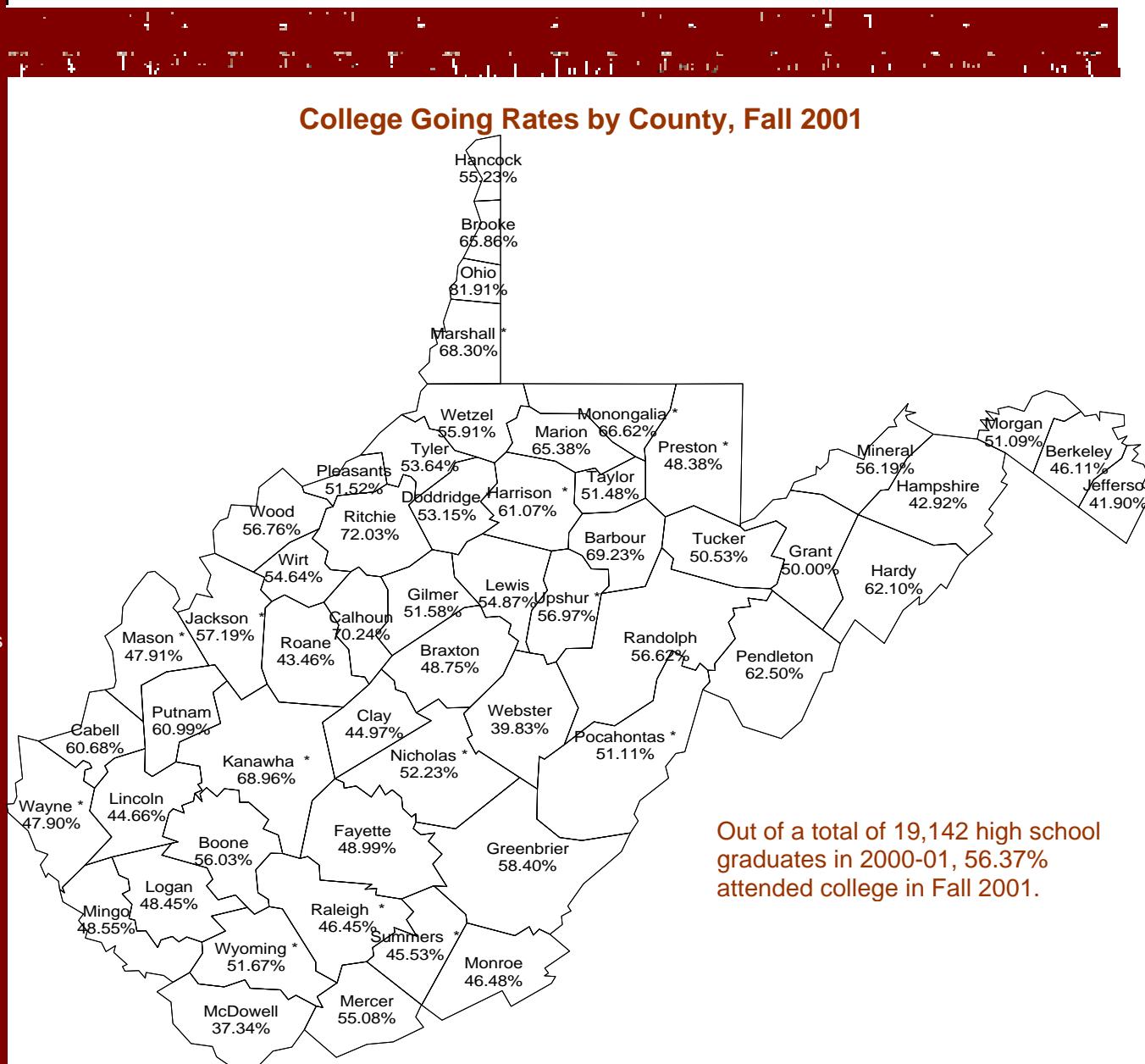
The Higher Education Policy Commission has set a statewide goal of 70% for the college going rate of recent high school graduates.

In Fall 2000, the national figure for the College Going Rate was 56.7%.

# Participation

Over 56% of West Virginia's 2000-01 high school graduates attended college in Fall 2001. The most recent data indicate that 57% of high school graduates in the entire United States attended college. It is a very attainable short run goal for the state's college going rate to be significantly higher than the rest of the nation.

The accompanying map shows that there is considerable variation across counties in college attendance. The counties with the highest rates are Ohio (81.91%), Ritchie (72.03%), and Calhoun (70.24%). There are 7 counties with college going rates less than 45% compared to 14 counties last year.



# Participation

Fall and annualized headcount provide two different measures of enrollment levels at higher education institutions. Annualized headcount enrollment takes into account enrollment in the fall, spring, and summer terms, and therefore gives a clearer picture of an institution's instructional activity over the entire year. Statewide, fall headcount enrollment has increased by 2% from Fall 1999 to Fall 2001, while annualized enrollment has increased by 2.9%.

## Headcount Enrollment Trends

	Fall 1999	Fall Headcount			Annualized Headcount*		
		Fall 2001	% Change		1999-00	2001-02	% Change
<b>Baccalaureate and Above Institutions</b>							
Bluefield State College	768	1,073	39.7%	867	1,342	54.8%	
Concord College	2,877	3,055	6.2%	2,968	3,066	3.3%	
Fairmont State College	4,317	4,264	-1.2%	4,620	4,691	1.5%	
Glenville State College	1,249	1,321	5.8%	1,358	1,425	4.9%	
Marshall University	13,699	13,989	2.1%	16,176	16,647	2.9%	
Shepherd College	4,104	3,883	-5.4%	4,372	4,215	-3.6%	
West Liberty State College	2,579	2,654	2.9%	2,744	2,760	0.6%	
West Virginia State College	3,774	3,045	-19.3%	4,153	3,453	-16.9%	
WV School of Osteopathic Medicine	274	291	6.2%	270	291	7.8%	
West Virginia University	22,315	22,774	2.1%	26,506	26,955	1.7%	
WVU Institute of Technology	1,879	1,798	-4.3%	1,976	1,865	-5.6%	
<b>Community Colleges</b>							
Bluefield State College	1,571	1,695	7.9%	1,637	1,851	13.1%	
Eastern WV Comm. and Tech.Coll.	NA	140	NA	NA	168	NA	
Fairmont State College	2,313	2,460	6.4%	2,565	2,702	5.3%	
Glenville State College	1,011	823	-18.6%	1,023	828	-19.1%	
Marshall University	1,934	2,047	5.8%	1,797	1,910	6.3%	
Shepherd College	493	508	3.0%	551	545	-1.1%	
Southern WV Comm. and Tech.	2,464	2,520	2.3%	2,541	2,667	5.0%	
WV Northern Community College	2,749	3,014	9.6%	2,812	3,181	13.1%	
West Virginia State College	1,020	1,791	75.6%	1,100	1,978	79.8%	
Potomac State College of WVU	1,167	1,254	7.5%	1,282	1,357	5.9%	
WVU Institute of Technology	714	576	-19.3%	763	672	-11.9%	
WVU at Parkersburg	3,480	3,340	-4.0%	3,679	3,692	0.4%	
<b>Grand Total Enrollment</b>	<b>76,751</b>	<b>78,315</b>	<b>2.0%</b>	<b>85,754</b>	<b>88,255</b>	<b>2.9%</b>	

\* Annualized headcount is derived by adding the headcount of summer, fall, and spring and dividing by 2.

# Participation

A total of 31,518 potential first-time freshman students applied for admission for the Fall 2001 semester, and 97%, or 30,490, were accepted. Forty-five percent of those accepted enrolled in Fall 2001, for a total of 13,597 first-time freshmen enrolled.

All of the stand-alone community colleges in the state had 100% acceptance rates, in keeping with the open access missions of those institutions. Marshall University had the lowest acceptance rate at 93%, followed by West Virginia University and Shepherd College at 94%. Institutions vary widely on the percent of acceptances who enroll. Southern West Virginia Community and Technical College had the highest enrollment rate at 96%, and Potomac State College had the lowest at 35%.

## First-Time Freshman Applicants, Acceptances, and Enrolled, Fall 2001

		Applicants	Acceptances	% of Applicants Accepted	Number Enrolled	% of Acceptances Enrolled
	Bluefield State College	1,022	1,013	99%	491	48%
	Concord College	1,710	1,675	98%	664	40%
	Eastern WV Comm. and Tech. College	40	40	100%	31	78%
	Fairmont State College	2,754	2,675	97%	1,222	46%
	Glenville State College	1,225	1,225	100%	445	36%
	Marshall University	2,890	2,674	93%	2,208	83%
	Shepherd College	1,527	1,434	94%	714	50%
	Southern WV Comm. and Tech. College	1,162	1,162	100%	1,115	96%
	West Liberty State College	1,301	1,259	97%	531	42%
	WV Northern Community College	442	442	100%	299	68%
	West Virginia State College	5,767	5,764	100%	719	12%
	West Virginia University	8,786	8,238	94%	3,661	44%
	Potomac State College of WVU	1,218	1,218	100%	428	35%
	WVU Institute of Technology	957	954	100%	457	48%
	WVU at Parkersburg	717	717	100%	612	85%
	<b>TOTAL</b>	<b>31,518</b>	<b>30,490</b>	<b>97%</b>	<b>13,597</b>	<b>45%</b>

# Participation

Seamless delivery of educational services across higher education institutions is a necessity if West Virginia is to make the best use of its educational resources.

Transfer of students from one institution to another is a measure of how well institutions are cooperating to offer education to students.

A total of 6,152 undergraduate students applied for transfer admission for the Fall 2001 semester, and 93%, or 5,700, were accepted. Seventy-one percent of those accepted enrolled in Fall 2001, for a total of 4,064 new undergraduate transfers enrolled.

The figure is 6% of the 67,155 undergraduates enrolled in Fall 2001, indicating that transfer across institutions is a common practice of students attending West Virginia public higher education institutions.

## Undergraduate Transfer Applicants, Acceptances, and Enrolled, Fall 2001

		Transfer		% of Transfer		% of Transfer	
		Transfer Applicants	Transfers Accepted	Applicants Accepted	Transfers Enrolled	Acceptances Enrolled	
	Bluefield State College	407	387	95%	206	53%	
	Concord College	222	214	96%	151	71%	
	Eastern WV Comm. and Tech. College	41	41	100%	26	63%	
	Fairmont State College	860	595	69%	432	73%	
	Glenville State College	134	134	100%	97	72%	
	Marshall University	829	804	97%	688	86%	
	Shepherd College	451	449	100%	328	73%	
	Southern WV Comm. and Tech. College	49	49	100%	49	100%	
	West Liberty State College	466	443	95%	281	63%	
	WV Northern Community College	319	319	100%	245	77%	
	West Virginia State College	407	407	100%	267	66%	
	West Virginia University	1,313	1,206	92%	850	70%	
	Potomac State College of WVU	31	31	100%	25	81%	
	WVU Institute of Technology	348	346	99%	192	55%	
	WVU at Parkersburg	275	275	100%	227	83%	
	<b>TOTAL</b>	<b>6,152</b>	<b>5,700</b>	<b>93%</b>	<b>4,064</b>	<b>71%</b>	

# Participation

## Undergraduate Transfers Across West Virginia Public Institutions, Fall 2001

Receiving Institution	Bluefield State College	Concord College	Eastern WV Comm & Tech College	Fairmont State College	Glenville State College	Marshall University	Shepherd College	Southern WV Comm & Tech College	West Liberty State College	WV Northern Community College	West Virginia State College	Potomac State College of WVU	WVU Institute of Technology	WVU at Parkersburg	Total Transfers from WV Public Institutions	Total Transfers from WV Private Institutions	Total Transfers from Out-of-State Institutions	Total Transfers		
Bluefield State College		27			2	3	17	2	14			3	10	13	91	26	89	206		
Concord College	20				1	2	7	1	15			2	9	3	1	61	19	71	151	
Eastern WV Comm & Tech Coll	1				2		1	9					1	8		22	0	4	26	
Fairmont State College	4	6			26	12	4	4	6	4	7	86	28	5	14	206	33	193	432	
Glenville State College	3	7			8		8		1	2		2	4	3	7	48	12	37	97	
Marshall University	7	29			14	10		8	74	4	6	47	41		24	38	302	40	346	688
Shepherd College	3	5			8	2	13			2			25		3	61	4	263	328	
So. WV Comm & Tech College	6	1				2	9					7	2		4	31	6	12	49	
West Liberty State College		1			7	3	6	2	1		100	1	18		3	142	21	118	281	
WV Northern Community College					11	1	3	5		51		3	12	5		3	94	8	143	245
West Virginia State College	3	4			4	4	51		27				14		39	12	158	25	84	267
West Virginia University	11	22			71	17	45	15	13	9	6	16		80	11	32	348	46	456	850
Potomac State College of WVU	1				3		1	2					2		1	10	1	14	25	
WVU Institute of Technology	2	10			1	14	21	1	22	1	1	26	10	2		4	115	26	51	192
WVU at Parkersburg	2	3			19	27	42	1		6	7	7	27	2	6	149	17	61	227	
<b>TOTAL</b>	<b>63</b>	<b>115</b>	<b>0</b>	<b>151</b>	<b>111</b>	<b>236</b>	<b>50</b>	<b>171</b>	<b>81</b>	<b>124</b>	<b>121</b>	<b>261</b>	<b>128</b>	<b>112</b>	<b>114</b>	<b>1,838</b>	<b>284</b>	<b>1,942</b>	<b>4,064</b>	

# Participation

While it is important for students to go to college, the number of West Virginians with a college degree cannot increase unless students stay in college once they get there. The freshmen-to-second-year retention and success rate is a good early indicator of whether or not an institution will be successful in bringing a freshman class along toward degree completion. Only 68% of freshmen who began college in Fall 2000 returned in their second year in Fall 2001.

An even smaller proportion of students, 26%, begin their second year with 30 or more hours earned. When we consider that at least 120 credit hours are required for bachelor's degree completion, this result is not encouraging to those students who hope to get their degrees in four years.

The low number of hours completed is a result of two factors. First, many freshman take less than 15 hours a semester. Second, it is common for the hours earned to be less than the hours attempted due to withdrawals and unsatisfactory course outcomes.

## First to Second Year Retention and Academic Progress, Fall 2000 to Fall 2001

	Number in Fall 2000 Cohort	% Returning to Same Institution in Fall 2001	% Returning with 30 or More Hours in Fall 2001
Bluefield State College	460	63	16
Concord College	694	61	25
Fairmont State College	1,049	66	17
Glenville State College	413	58	23
Marshall University	2,029	73	32
Shepherd College	669	67	23
Southern WV Comm. and Tech. College	432	52	12
West Liberty State College	519	68	35
WV Northern Community College	232	53	13
West Virginia State College	594	54	12
West Virginia University	3,505	78	35
Potomac State College of WVU	318	57	28
WVU Institute of Technology	394	57	18
WVU at Parkersburg	431	58	14
All First-Time, Full-Time Freshmen	11,739	68	26

# Participation

In recent years, West Virginia public higher education has been encouraging adequately prepared high school students to enroll in college courses while they are in high school. Our institutions have responded by greatly increasing the opportunities for high school students to get an early start in college.

In Fall 1997, there were 2,626 high school students taking college courses. By Fall 2001, there were

4,132, a 57% increase. Thirteen out of fourteen institutions experienced increases in the number of high school students enrolled.

The full-time equivalent enrollment also increased over this period, with 749 in Fall 1997 and 1,253 in Fall 2001. This is an overall increase of 67%, with all institutions increasing the full-time equivalent enrollment of high school students taking college courses.

## High School Headcount and FTE Enrollment in Colleges, Fall 1997 and Fall 2001

		Headcount			Full-time Equivalent		
		Fall 1997	Fall 2001	% Change	Fall 1997	Fall 2001	% Change
	Bluefield State College	127	157	24%	35	43	24%
	Concord College	215	346	61%	85	141	66%
	Eastern WV Comm. and Tech. College	NA	31	NA	NA	10	NA
	Fairmont State College	542	534	-1%	144	157	9%
	Glenville State College	134	196	46%	30	57	87%
	Marshall University	193	389	102%	60	116	95%
	Shepherd College	145	185	28%	34	48	40%
	Southern WV Comm. and Tech. College	261	323	24%	78	98	26%
	West Liberty State College	6	14	133%	1	3	150%
	WV Northern Community College	294	422	44%	76	119	57%
	West Virginia State College	62	433	598%	21	163	660%
	West Virginia University	46	124	170%	12	31	161%
	Potomac State College of WVU	225	366	63%	74	111	49%
	WVU Institute of Technology	41	194	373%	9	50	481%
	WVU at Parkersburg	335	418	25%	89	106	19%
	<b>Total</b>	<b>2,626</b>	<b>4,132</b>	<b>57%</b>	<b>749</b>	<b>1,253</b>	<b>67%</b>

\*Eastern WV Community and Technical College did not begin enrolling students until Fall 2001.

# Affordability

College costs can be an obstacle for students trying to begin and continue their education. Tuition revenue is also an important part of revenues for higher education institutions. Comparisons between West Virginia tuition and fee levels and those of schools in other states are useful in determining whether tuitions are set at the proper level. Our annual tuition and fees are compared to the averages for national public two-year and four-year institutions, and also to the schools that our institutions are compared to for funding purposes.

Results vary by school, but the West Virginia-to-SREB ratios vary from a low of 87% for West Virginia University and a high of 151% for Potomac State College. In past years, the tuition rates for all West Virginia stand-alone community colleges exceeded the SREB medians, but now the ratios for Southern WV Community and Technical College and WVU Parkersburg are 99%. Since the funding peers are from all regions of the country, not just the south, their median tuition levels tend to be higher.

## West Virginia Tuition and Fees Compared to Peer and National Levels, 2002-03

	WV Tuition	Peer Groups		National Public Institutions	
		Peer Tuition	Ratio	National Tuition	Ratio
<b>Two-Year Colleges</b>					
Southern WV CTC	\$1,560	\$1,987	79%	\$1,735	90%
WV Northern CC	\$1,680	\$1,576	107%	\$1,735	97%
Potomac State College of WVU	\$2,192	\$2,407	91%	\$1,735	126%
WVU at Parkersburg	\$1,548	\$2,052	75%	\$1,735	89%
<b>Four-Year Colleges</b>					
Bluefield State College	\$2,598	\$3,574	73%	\$4,081	64%
Concord College	\$2,962	\$4,008	74%	\$4,081	73%
Fairmont State College	\$2,766	\$4,711	59%	\$4,081	68%
Glenville State College	\$2,700	\$3,514	77%	\$4,081	66%
Shepherd College	\$2,866	\$4,009	71%	\$4,081	70%
West Liberty State College	\$2,748	\$4,571	60%	\$4,081	67%
West Virginia State College	\$2,754	\$2,998	92%	\$4,081	67%
WVU Institute of Technology	\$3,066	\$4,468	69%	\$4,081	75%
<b>Universities</b>					
Marshall University	\$2,984	\$3,677	81%	\$4,081	73%
West Virginia University	\$3,240	\$4,361	74%	\$4,081	79%

# Affordability

Annual tuition and fee levels are useful in determining how much of the cost of higher education must be paid by the student in the absence of financial aid received. However, from the institutional perspective, it is more useful to look at tuition revenue received per full-time equivalent student. The reduction in tuition revenue when the institutions give institution-based aid to students must also be considered.

The results are interesting because they show that some of the variation in total tuition revenue per FTE student is reduced when the amount of institution-based aid is subtracted. For example, Marshall University has a much higher tuition per FTE (\$3,616) than Shepherd College (\$2,999), West Liberty State College (\$2,991), or WVU Institute of Technology (\$2,921). However, in terms of net tuition per FTE, the four schools are roughly equal (\$2,776; \$2,831; \$2,874; \$2,892). Shepherd College, West Liberty State College, and WVU Institute of Technology actually exceed Marshall University in net tuition per FTE.

Net Tuition Revenue per Full-Time Equivalent Student, 2000-01

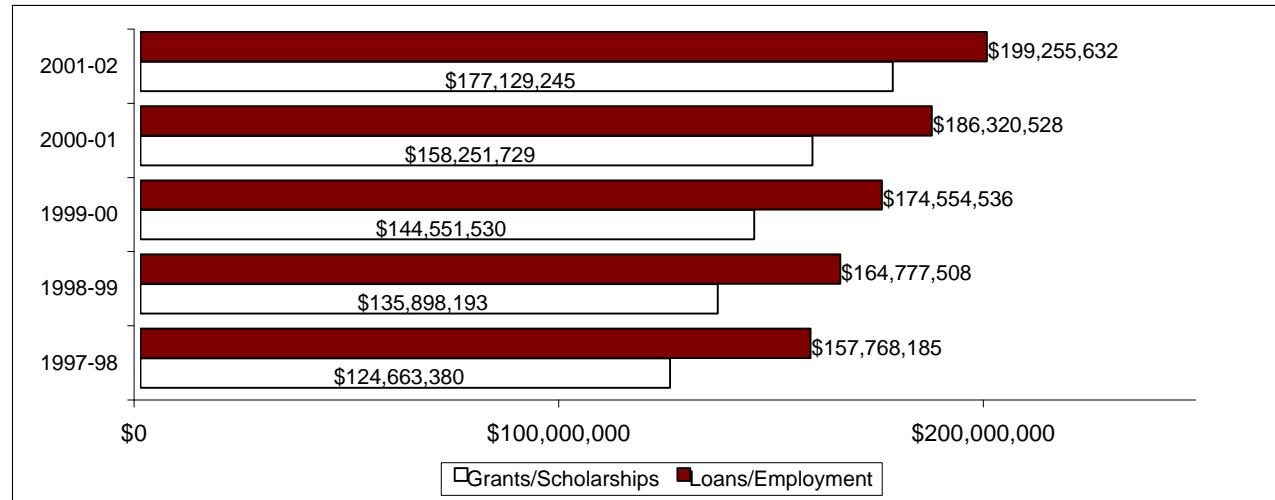
	Total Tuition Revenue per FTE	Net Tuition Revenue per FTE	Ratio of Net Tuition Revenue to Total Tuition Revenue
Bluefield State College	\$2,585	\$2,355	91%
Concord College	\$2,863	\$2,265	79%
Fairmont State College	\$2,547	\$2,547	100%
Glenville State College	\$2,654	\$2,438	92%
Marshall University	\$3,616	\$2,776	77%
Shepherd College	\$2,999	\$2,831	94%
So. WV Comm & Tech College	\$1,612	\$1,535	95%
West Liberty State College	\$2,991	\$2,874	96%
WV Northern Community College	\$1,717	\$1,717	100%
WV School of Osteopathic Medicine	\$19,566	\$18,498	95%
West Virginia State College	\$2,777	\$2,561	92%
West Virginia University	\$5,121	\$4,661	91%
Potomac State College of WVU	\$2,510	\$2,195	87%
WVU Institute of Technology	\$2,921	\$2,892	99%
WVU at Parkersburg	\$1,674	\$1,554	93%

# Affordability

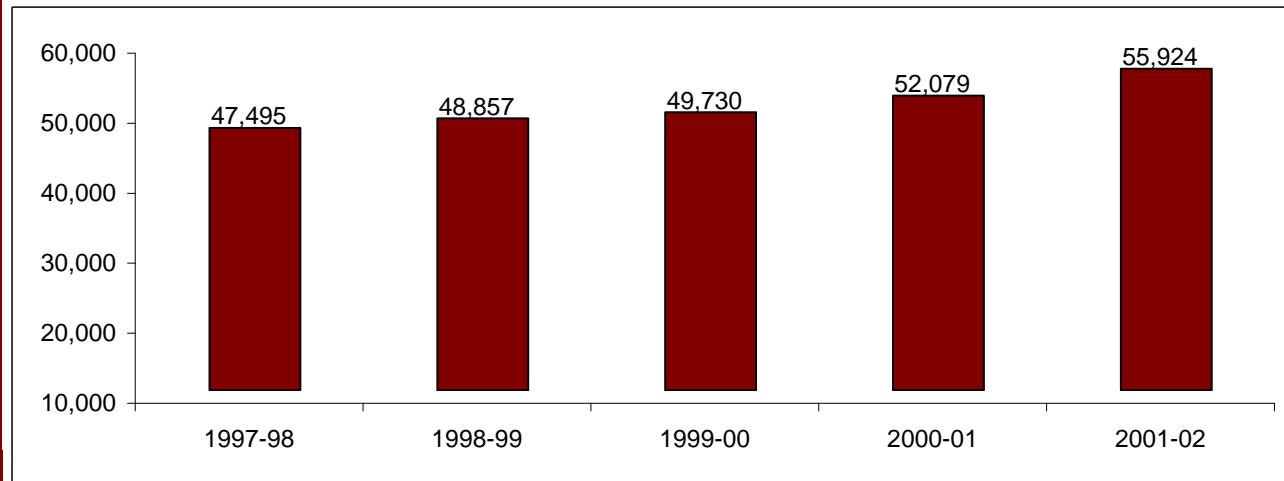
The number of undergraduate students receiving aid and the dollars awarded from major aid sources has been steadily increasing over the last five years. Grants and scholarships have increased by 42%, from \$125 million to \$177 million. Loans and employment have increased by 26%, from \$158 million to \$199 million.

Similarly, the number of undergraduates served has increased from 47,495 to 55,924 in 2001-02. This is an increase of 17%.

**Total Undergraduate Student Aid Total Dollars Awarded From All Major Aid Sources, Public and Private Institutions**



**Total Number of Undergraduate Students Served by Some Form of Student Aid, Public and Private Institutions**



# Affordability

Finding a way to pay for a college education does not have to be a stumbling block. Whether you want to attend a two-year community college or a four-year university, or if you want to be a part-time or full-time student, West Virginia has a wide array of financial aid programs for students pursuing a postsecondary education.

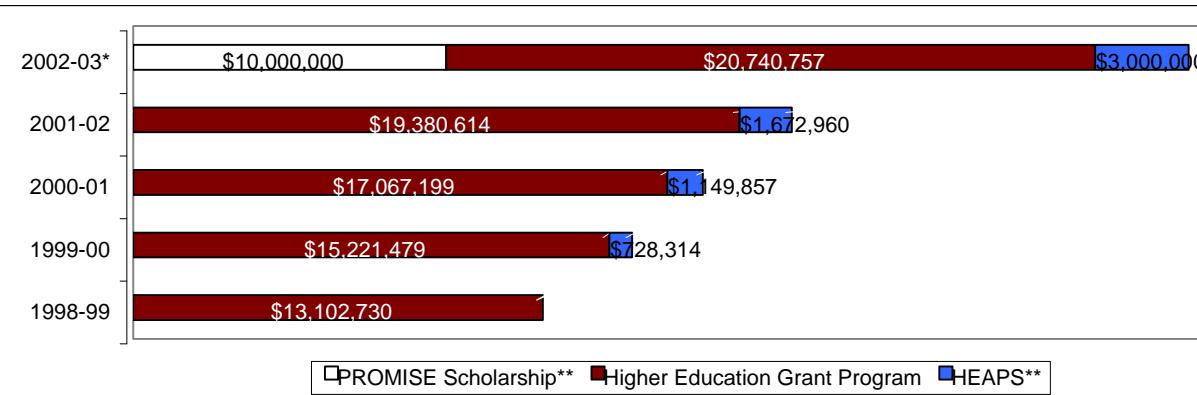
Financial assistance is offered through a variety of programs. The three primary programs are the need-based Higher Education Grant Program, the merit-based Providing Real Opportunities for Maximizing In-State Student Excellence (PROMISE) Scholarship Program, and the Higher Education Adult Part-Time Students Grant (HEAPS).

The Grant Program offers grants up to \$2,718 to qualified students who have demonstrated financial need. The PROMISE Scholarship awards a full tuition and fee scholarship to qualified students. HEAPS provides up to \$2,770 to needy part-time students.

There are other scholarship programs designed to help students pursue careers in specific fields such as education, medicine and engineering, science and technology.

Together with the State Treasurer's college savings program (e.g., Smart 529), West Virginia has a financial aid toolkit that can help make college affordable for thousands of West Virginia students.

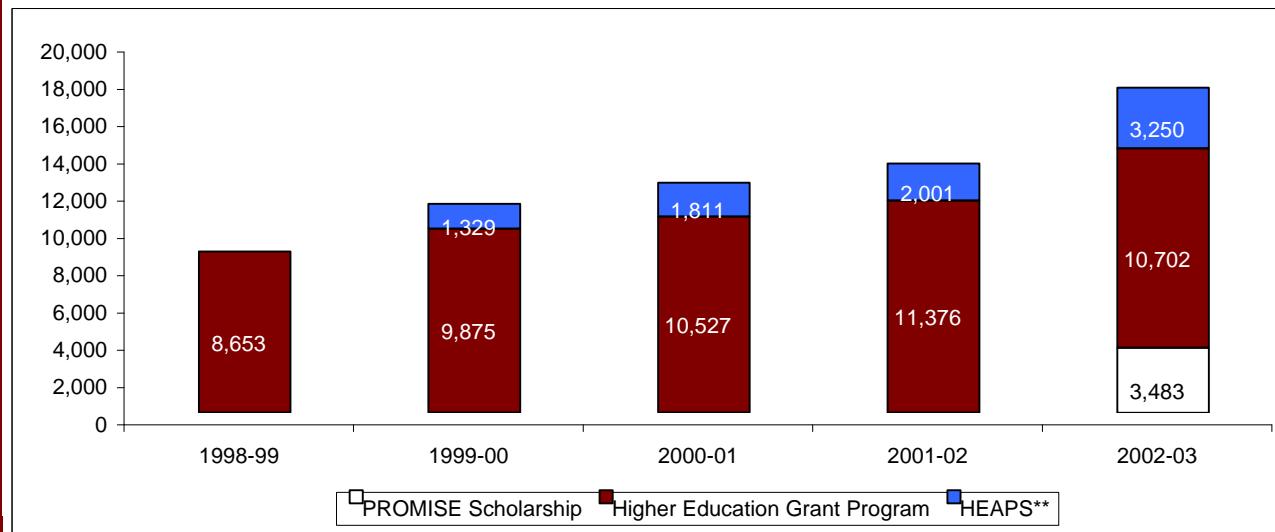
## Higher Education Grant Program and PROMISE Scholarship and HEAPS Total Dollars Awarded



\* 2002-03 Available funds

\*\*HEAPS Program began in 1999-00 and the PROMISE Scholarship Program began 2002-03.

## Higher Education Grant Program, PROMISE Scholarship and HEAPS Recipients



Note: Total for 2002-03 HEGP is as of November 2002; total will exceed 11,000 by year's end.

# Affordability

Peer institutions have been selected for each of West Virginia's public higher education institutions, based on size of the institution and educational program offerings, among other factors. Using federal government data, it is possible to compare our institutions to other schools on a variety of measures.

This table compares expenditures per full-time equivalent student for West Virginia institutions versus their peer institutions. West Virginia University has the highest expenditures per student among schools offering undergraduate instruction at \$12,567, followed by Marshall University at \$8,368. Medical and graduate programs at these institutions contribute to their higher costs.

All the West Virginia institutions spend less per student than their peer institutions. The WV School of Osteopathic Medicine has the lowest ratio of costs compared to peers, at 40%; while West Virginia State College has the highest at 91%. The median peer cost ratio of all institutions is 71%.

## Expenditures\* Per Full-time Equivalent Student, 2000-01

	WV Expenditures	Peer Institutions' Median	WV/Peer Ratios
Bluefield State College	\$7,691	\$8,567	90%
Concord College	\$5,772	\$10,735	54%
Fairmont State College	\$5,998	\$8,728	69%
Glenville State College	\$6,383	\$7,974	80%
Marshall University	\$8,368	\$14,557	57%
Shepherd College	\$6,143	\$9,515	65%
So. WV Comm. & Tech College	\$7,232	\$8,675	83%
West Liberty State College	\$6,186	\$8,764	71%
WV Northern Community College	\$5,908	\$9,081	65%
WV School of Osteopathic Medicine	\$40,308	\$99,573	40%
West Virginia State College	\$8,232	\$9,004	91%
West Virginia University	\$12,567	\$16,654	75%
Potomac State College of WVU	\$8,218	\$9,452	87%
WVU Institute of Technology	\$7,764	\$10,786	72%
WVU at Parkersburg	\$5,602	\$8,029	70%

\*Includes instructional, academic and institutional support, student services, and operations of maintenance expenditures.

# Workforce Development

Institution	Number of Customized Training Programs Delivered to Employers		Enrollees in Customized Training Programs	Training Contact Hours Delivered	Number of Courses in Entrepreneurship
	Credit	Non Credit			
Bluefield State College CTC	3	37	286	3,043	12
Eastern WV CTC	0	52	645	4,785	28
Fairmont State College CTC	0	66	2,749	29,750	60
Glenville State College CTC	0	2	23	970	0
Marshall University CTC	32	120	4,020	101,969	12
Southern WV CTC	19	213	2,384	70,807	47
Shepherd College CTC	37	253	2,282	9,396	38
WV Northern CC	91	19	1,855	35,468	17
West Virginia State College CTC	51	87	1,780	13,133	14
WVU Institute of Technology CTC	0	19	621	10,744	55
WVU at Parkersburg	28	183	1,938	37,962	35
<b>Total</b>	<b>261</b>	<b>1,051</b>	<b>18,583</b>	<b>318,027</b>	<b>318</b>

## Job Training and Customized Employer Training Outcomes, 2001-02

Institution	Number of Customized Training Programs Delivered to Employers		Enrollees in Customized Training Programs	Training Contact Hours Delivered	Number of Courses in Entrepreneurship
	Credit	Non Credit			
Bluefield State College CTC	3	37	286	3,043	12
Eastern WV CTC	0	52	645	4,785	28
Fairmont State College CTC	0	66	2,749	29,750	60
Glenville State College CTC	0	2	23	970	0
Marshall University CTC	32	120	4,020	101,969	12
Southern WV CTC	19	213	2,384	70,807	47
Shepherd College CTC	37	253	2,282	9,396	38
WV Northern CC	91	19	1,855	35,468	17
West Virginia State College CTC	51	87	1,780	13,133	14
WVU Institute of Technology CTC	0	19	621	10,744	55
WVU at Parkersburg	28	183	1,938	37,962	35
<b>Total</b>	<b>261</b>	<b>1,051</b>	<b>18,583</b>	<b>318,027</b>	<b>318</b>

# Workforce Development

## COMMUNITY AND TECHNICAL COLLEGE DEVELOPMENT, 2001-02

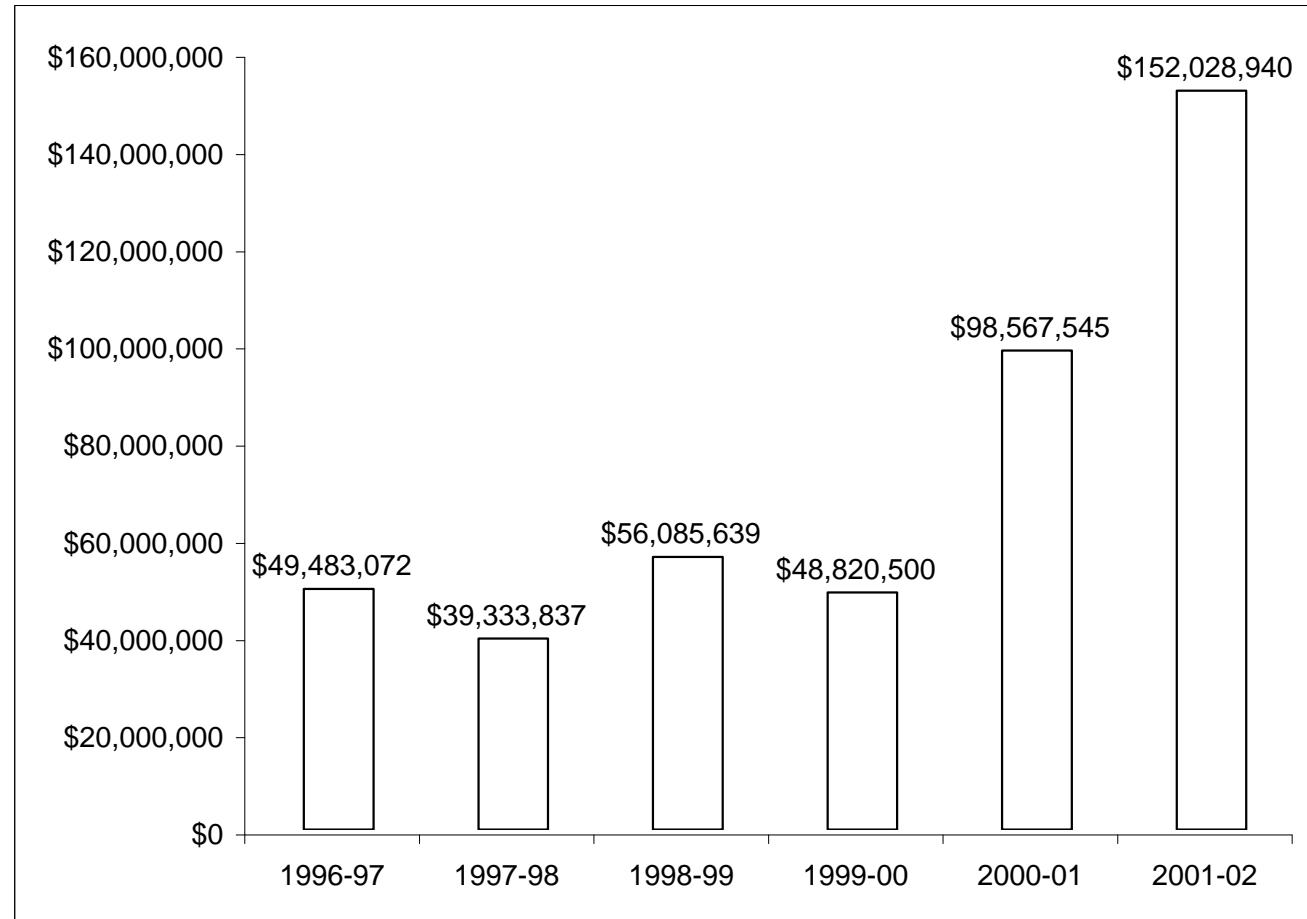
Senate Bill 653 set forth ambitious goals for the development of community college education in West Virginia. It has been found that both enrollment and degree production at the community college level lags behind other states, which contributes toward low levels of college participation of the adult population and insufficient workforce training delivered to employers. A large portion of community college level education in West Virginia is delivered by four-year colleges that also serve a community college mission. These institutions are required to increase the independence of their community college components so that the education and workforce development needs of their service areas are met. The accompanying chart indicates the current progress made by these colleges in developing the essential conditions for independent delivery of community college education.

	BSC	EWVCTC	FSC	GSC	MU	SC	WVSC	WVUIT
1. Full Range of Community and Technical College Services Offered:								
a. Career-technical education programs offered	✓	✓	✓	✓	✓	✓	✓	✓
b. Transfer education	✓	✓	✓	✓	✓	✓	✓	✓
c. Developmental education	✓	✓	✓	✓	✓	✓	✓	✓
d. Workforce training	✓	✓	✓	✓	✓	✓	✓	✓
e. Continuing education	✓	✓	✓	✓	✓	✓	✓	✓
f. Community service	✓	✓	✓	✓	✓	✓	✓	✓
g. Cooperative agreements with public schools	✓	✓	✓	✓	✓	✓	✓	✓
h. Programmatic approval of community and technical college programs	✓	✓	✓	✓	✓	✓	✓	✓
i. A fee structure competitive with state freestanding community and technical college programs:	✓	✓	✓	✓	✓		✓	
2. Basic Services								
a. Student services advising	✓	✓	✓	✓	✓	✓	✓	✓
b. Academic counseling	✓	✓	✓	✓	✓	✓	✓	✓
c. Financial aid	✓	✓	✓	✓	✓	✓	✓	✓
d. Instructional support services	✓	✓	✓	✓	✓	✓	✓	✓
e. Library services	✓	✓	✓	✓	✓	✓	✓	✓
f. Physical space	✓	✓	✓	✓	✓	✓	✓	✓
g. Access to technology:	✓	✓	✓	✓	✓	✓	✓	✓
h. Assessment	✓	✓	✓	✓	✓	✓	✓	✓
i. Administrative services	✓	✓	✓	✓	✓	✓	✓	✓
3. President of Community and Technical College Named	✓	✓	✓					
4. Institutional Board of Advisors Appointed	✓	✓	✓		✓	✓	✓	✓
5. Full-time Community and Technical College Faculty								
a. Core community and technical faculty in place	✓	✓	✓	✓	✓	✓	✓	✓
6. Separate Faculty Personnel Policy for Community and Technical College Faculty:	✓	✓	✓		✓	✓		✓
7. Operating as Open-Provider Centers	✓	✓	✓	✓	✓	✓	✓	✓
8. Community and Technical College President or Provost Has Full Budgetary Authority for the Community and Technical College:	✓	✓	✓	✓		✓		

# Workforce Development

The total amount of research grants and contracts for West Virginia institutions has been fluctuating around \$50 million from 1996-97 to 1999-2000. The total increased to over \$98 million in 2000-01, followed by another significant increase in 2001-02 to \$152,028,940. The total amount of research dollars brought in from outside sources is a measure of the research activity undertaken by institutions. Research has a link to both graduate education outcomes and economic development within the state. It would be a good sign in both areas if this recent increase in research funding continues in the future.

## Research Grants and Contracts, 1996-2001



# Education Outcomes

	Fall 1997	Fall 1998	Fall 1999	Fall 2000	Fall 2001
<b>Full-Time Equivalent Students Per Full-Time Equivalent Faculty</b>					
Bluefield State College	17.2	18.6	18.1	18.5	18.4
Concord College	20.9	20.5	21.4	22.4	22.2
Fairmont State College	19.1	19.6	19.4	18.6	19.1
Glenville State College	18.5	18.1	17.3	17.0	18.1
Marshall University	16.6	17.0	16.1	16.2	14.2
Shepherd College	18.4	18.4	19.3	18.3	18.0
Southern WV Comm. & Tech. College	21.3	20.8	19.0	18.5	18.7
West Liberty State College	19.1	20.4	20.7	20.2	20.2
WV Northern Community College	16.2	15.6	17.5	17.1	19.1
WV School of Osteopathic Medicine	6.6	6.8	7.7	7.5	7.7
West Virginia State College	19.4	19.0	19.8	18.8	19.3
West Virginia University	13.4	13.1	13.4	11.8	17.0
Potomac State College of WVU	25.0	18.1	19.2	18.1	22.7
WVU Institute of Technology	14.9	14.4	15.3	15.7	15.5
WVU at Parkersburg	19.8	19.5	19.5	18.1	18.1
<b>TOTAL</b>	<b>16.1</b>	<b>16.0</b>	<b>16.1</b>	<b>15.2</b>	<b>17.0</b>

The ratio of full-time equivalent students to full-time equivalent faculty is a rough measure of the productivity of both the full-time and part-time faculty employed by a college or university.

Statewide, over the last five years, the student/faculty ratio has increased from 16:1 to 17:1. This increase was largely fueled by changes at the state's largest institution, West Virginia

University, which increased its student/faculty ratio from 13:1 to 17:1. There is no definite pattern in this ratio over time for all state institutions. Seven institutions experienced increases in the student/faculty ratio, seven had decreases, and one had no change.

# Education Outcomes

Educational and general (E&G) expenditures are the portion of an institution's budget spent on the direct functions of instruction, research, and public service and the support functions such as operations and maintenance, academic and institutional support, student services, and scholarships. The proportion of total E&G expenditures spent on the primary functions is a rough measure of how focused an institution is on fulfilling its instructional, research, and public service missions. The median proportion spent on primary functions is about 39%. There is a general pattern for West Virginia institutions to spend a smaller share of their total E&G budgets on the primary functions of instruction, research, and public service than their peer institutions. Only Concord College (44.9% versus 44.2%) and WVU Institute of Technology (48.8% to 46.6%) spent a larger share than their peers on the primary functions.

## Focus on Instruction, Research, and Public Service, 2000-01

		Instruction as % of Total E&G Expenditures		Research and Public Service as % of Total E&G Expenditures		Total of Instruction, Research and Public Service as % of Total E&G Expenditures	
		WV Institution	Peer Median	WV Institution	Peer Median	WV Institution	Peer Median
	Bluefield State College	30.1%	45.7%	2.3%	3.6%	32.4%	46.8%
	Concord College	43.4%	38.1%	1.5%	4.4%	44.9%	44.2%
	Fairmont State College	31.0%	42.5%	8.1%	2.3%	39.1%	46.3%
	Glenville State College	27.4%	44.2%	0.0%	3.6%	27.4%	47.4%
	Marshall University	32.0%	40.7%	11.9%	16.7%	43.9%	62.3%
	Shepherd College	29.6%	39.6%	1.6%	3.1%	31.2%	43.8%
	Southern WV Comm. and Tech. College	34.1%	38.6%	8.4%	0.5%	42.5%	46.5%
	West Liberty State College	30.8%	39.1%	0.8%	5.7%	31.6%	43.7%
	WV Northern Community College	36.1%	34.9%	2.7%	1.9%	38.8%	45.2%
	West Virginia State College	31.3%	41.0%	5.5%	4.0%	36.8%	45.4%
	West Virginia University	27.3%	36.4%	25.4%	32.5%	52.7%	68.1%
	Potomac State College of WVU	38.2%	38.9%	1.0%	0.3%	39.2%	42.0%
	WVU Institute of Technology	42.6%	41.5%	6.2%	4.4%	48.8%	46.6%
	WVU at Parkersburg	45.5%	38.3%	0.6%	4.6%	46.1%	50.3%

# Education Outcomes

The percentage of students who earn degrees within 150% of the usual graduation time indicates how well students are prepared and also how well the institution helps their students make progress. Each institution identifies a group of first-time, full-time students who are seeking a degree. Four-year colleges report the percentage of bachelor's degree-seeking students who obtain a four-year degree within six years, while two-year colleges report the percentage of certificate or associate's degree-seeking students who obtain a degree within three years.

Statewide, 42% of the students who began in Fall 1995 as first-time, full-time, bachelor's degree-seeking students earned a four-year degree by August 2001. The graduation rate was 13% for the first-time, full-time, certificate or associate's degree-seeking students who began attending West Virginia's two-year colleges in Fall 1998.

## Graduation Rates of First-Time, Full-Time, Degree-Seeking Freshmen

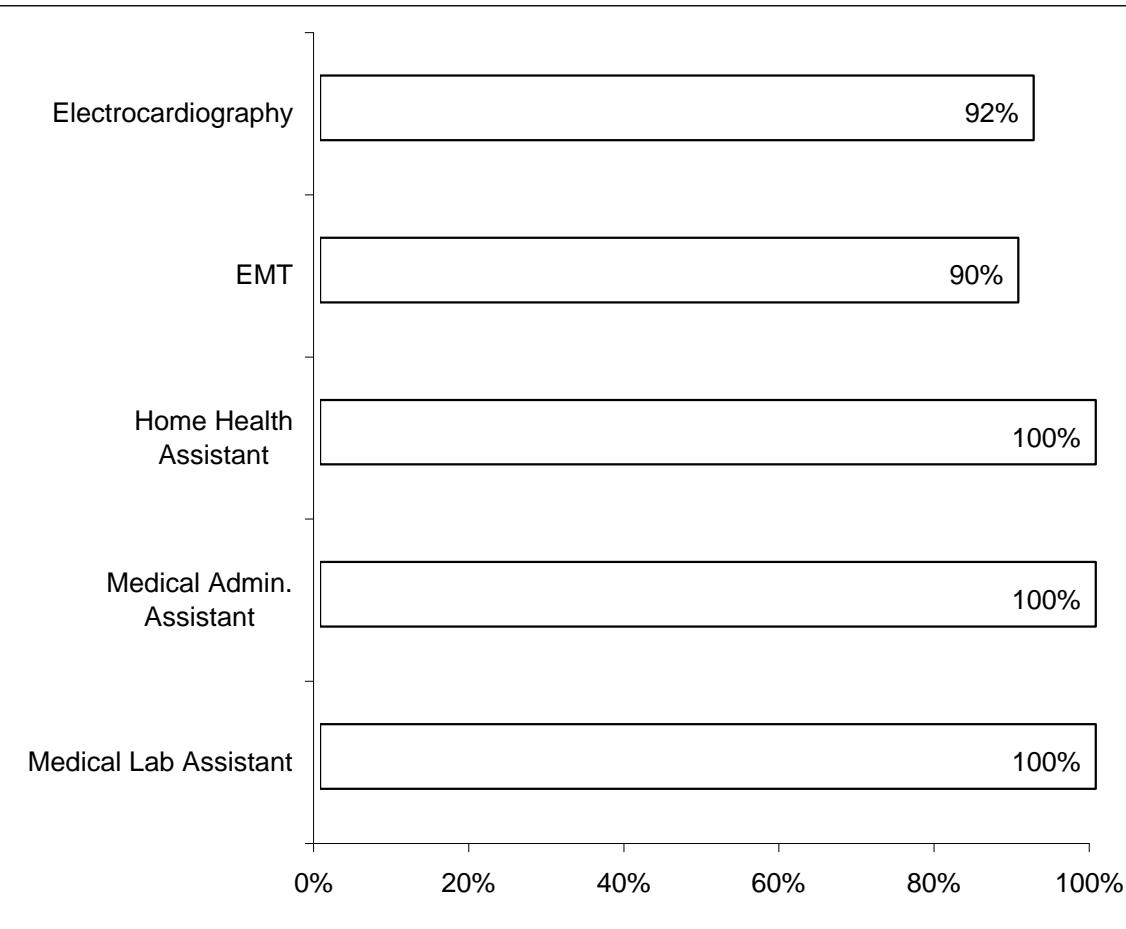
	Number in Fall 1995 Cohort	Completed Bachelor's Degree at Same Institution by August 2001	Graduate Rate
<b>Four-Year Institutions</b>			
Bluefield State College	50	20	40%
Concord College	542	162	30%
Fairmont State College	530	205	39%
Glenville State College	241	77	32%
Marshall University	1,778	627	35%
Shepherd College	504	191	38%
West Liberty State College	501	214	43%
West Virginia State College	392	100	26%
West Virginia University	2,938	1,621	55%
WVU Institute of Technology	276	108	39%
WVU at Parkersburg	191	34	18%
<b>Total</b>	<b>7,943</b>	<b>3,359</b>	<b>42%</b>
<b>Community Colleges</b>			
	<b>Number in Fall 1998 Cohort</b>	<b>Completed Certificate or Associate's Degree at Same Institution by August 2001</b>	<b>Graduate Rate</b>
Bluefield State College	383	32	8%
Fairmont State College	496	48	10%
Glenville State College	241	29	12%
Marshall University	183	18	10%
Shepherd College	88	5	6%
Southern WV Comm. And Tech. College	663	72	11%
West Virginia Northern Community	236	44	19%
West Virginia State College	126	11	9%
Potomac State College of WVU	371	82	22%
WVU Institute of Technology	158	33	21%
WVU at Parkersburg	376	44	12%
<b>Total</b>	<b>3,321</b>	<b>418</b>	<b>13%</b>

# Education Outcomes

Upon completion of many career-oriented programs of study, students take nationally-certified exams that measure their ability to succeed in their chosen occupation. These exams exist for all levels of programs, from undergraduate certificates to graduate and first professional. The pass rates for these exams are an important indicator of how well our institutions are preparing graduates to enter the workforce.

The overall rate for exams taken at the undergraduate certificate level is 93%, with a low of 90% for Emergency Medical Technician, and highs of 100% for Home Health Assistant, Medical Administrative Assistant, and Medical Lab Assistant.

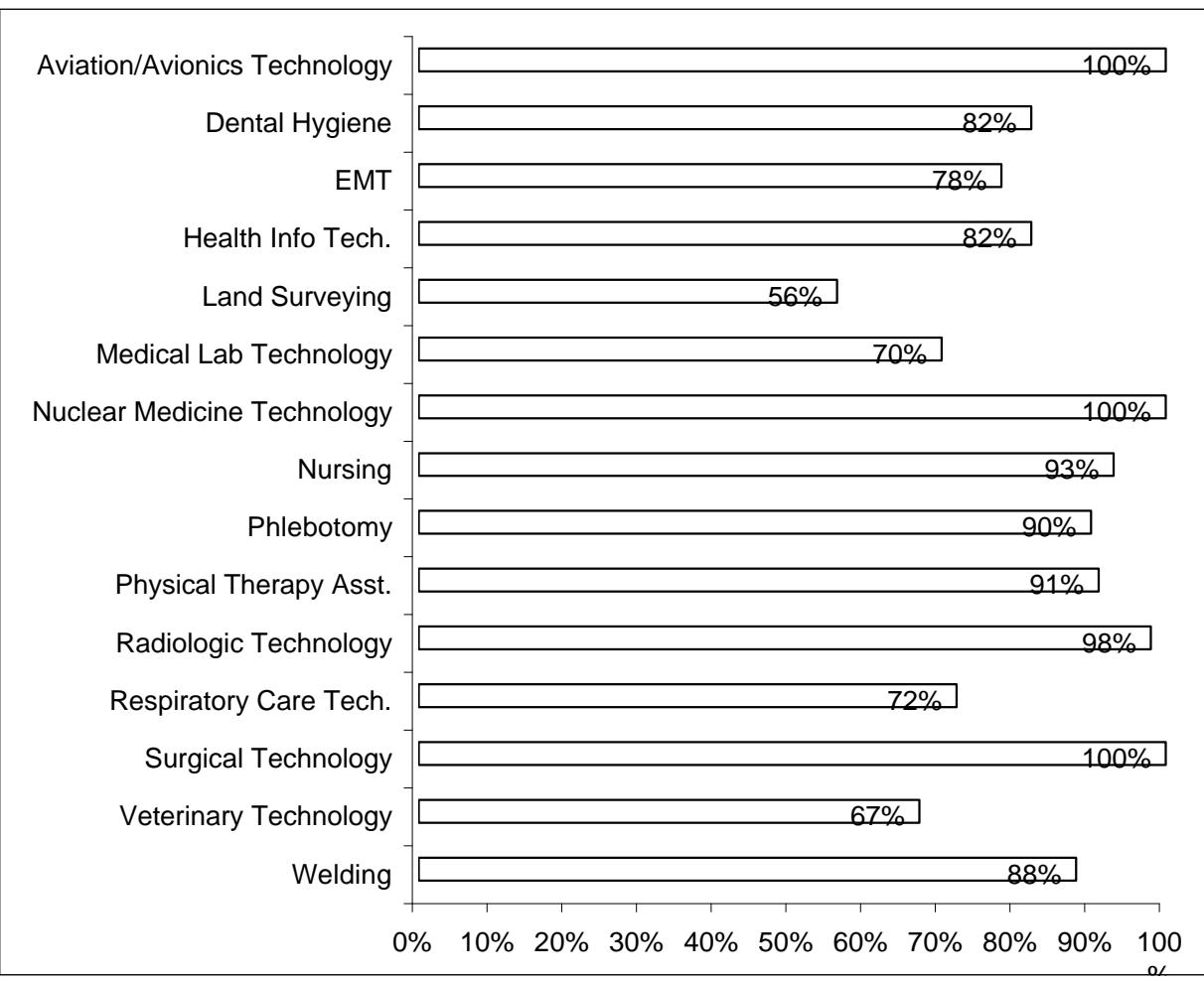
## Pass Rates of Undergraduate Certificate Completers on Licensure/Certification Examinations (Exams Taken July 1, 2001 - June 30, 2002)



# Education Outcomes

Statewide, graduates take licensure exams in 15 different fields at the associate's level. The overall pass rate is 88%, ranging from a low of 56% for Land Surveying to highs of 100% for Aviation/Avionics Technology, Nuclear Medicine Technology, and Surgical Technology.

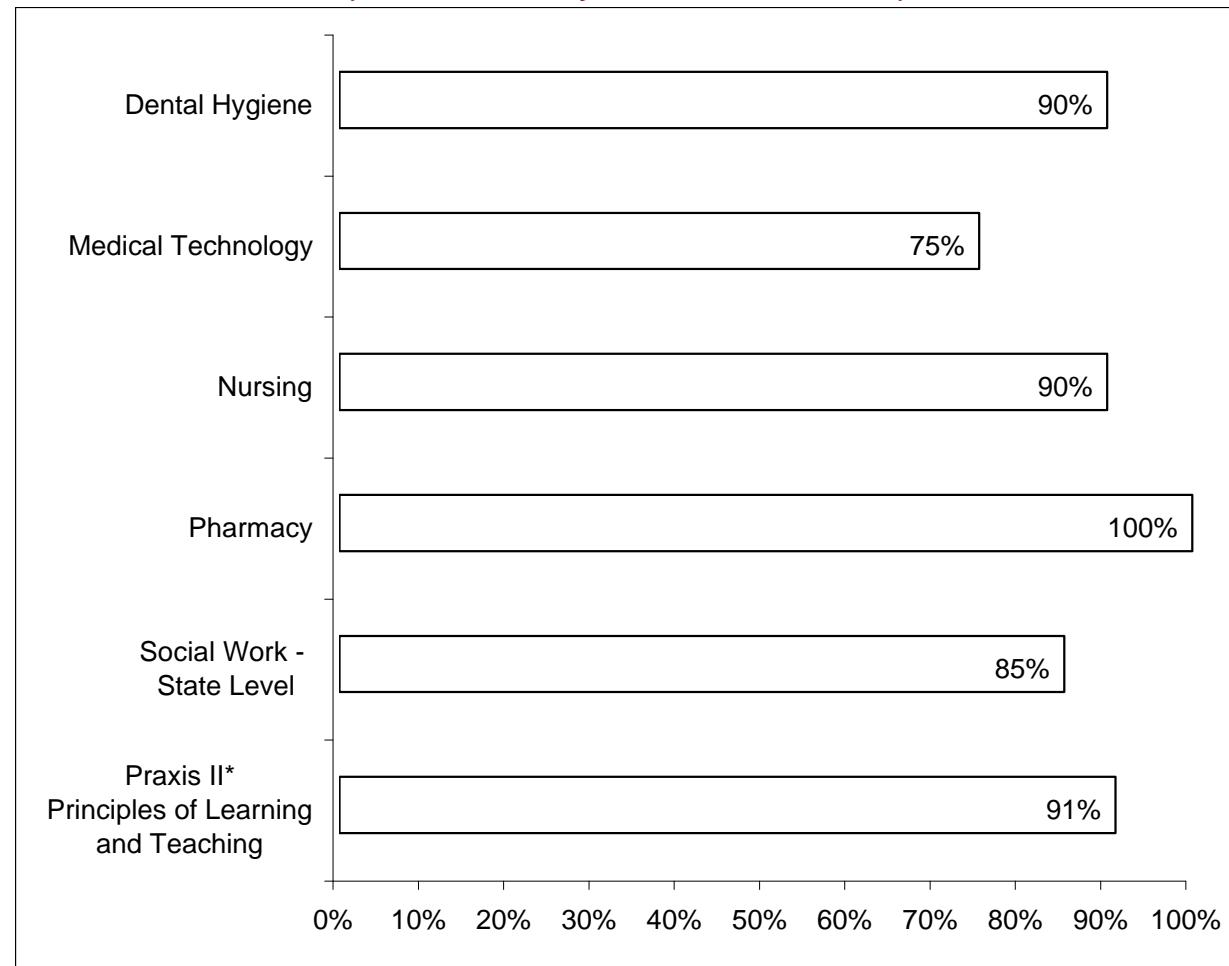
**Pass Rates of Associate Degree Completers  
on Licensure/Certification Examinations  
(Exams Taken July 1, 2001 - June 30, 2002)**



# Education Outcomes

There are six licensure exams taken at the bachelor's level in Dental Hygiene, Medical Technology, Nursing, Pharmacy, Social Work, and Education. The overall pass rate is 91%, with a low of 75% in Medical Technology and a high of 100% in Pharmacy.

**Pass Rates of Baccalaureate Degree Completers  
on Licensure/Certification Examinations  
(Exams Taken July 1, 2001 - June 30, 2002)**

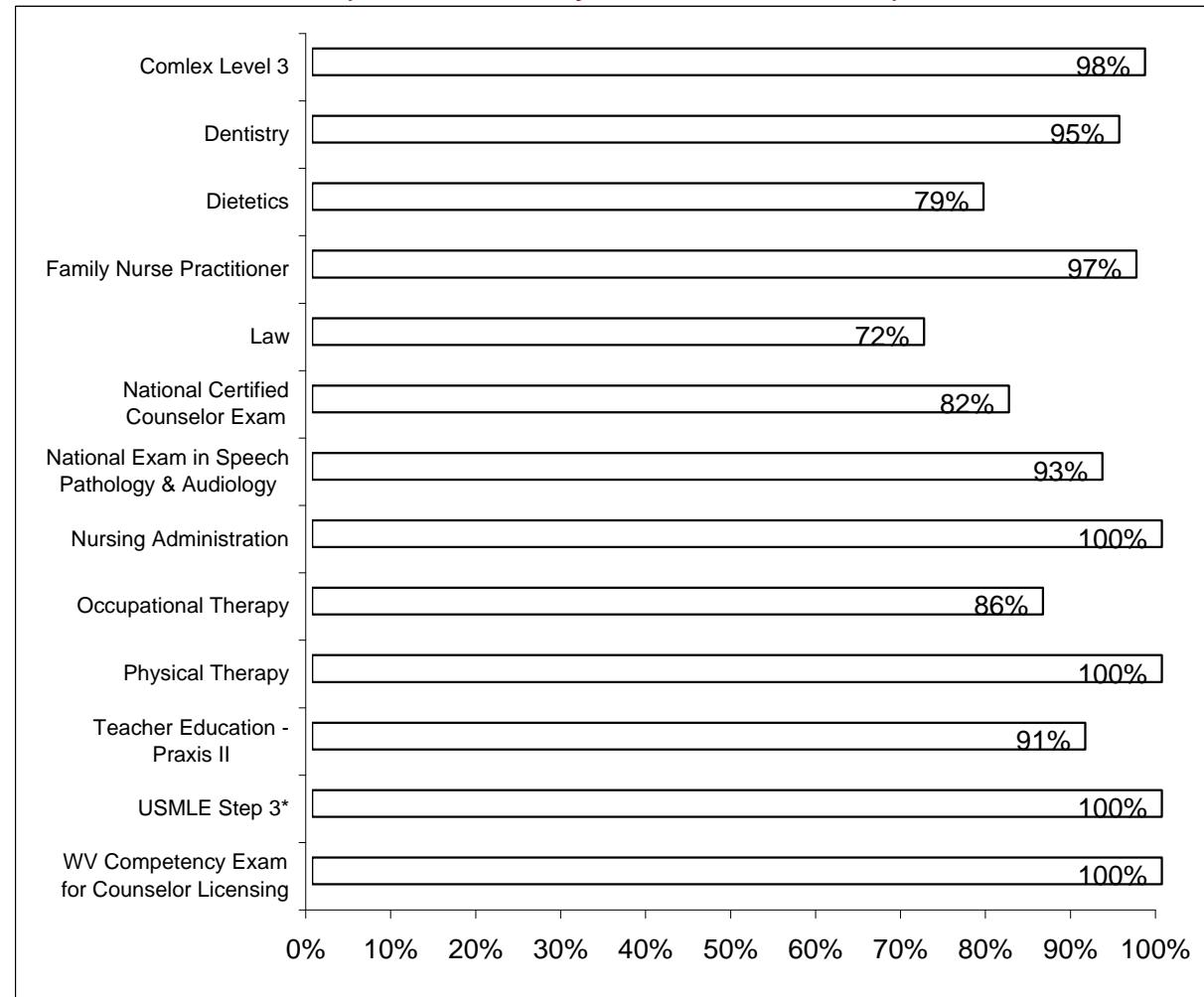


\*Exam taken between 9/1/00 and 8/31/01

# Education Outcomes

There are thirteen licensure exams taken at the graduate and first professional level. The overall pass rate is 90%, with a low of 72% in Law and a high of 100% in Nursing Administration, Physical Therapy, Medicine, and Counselor Counseling.

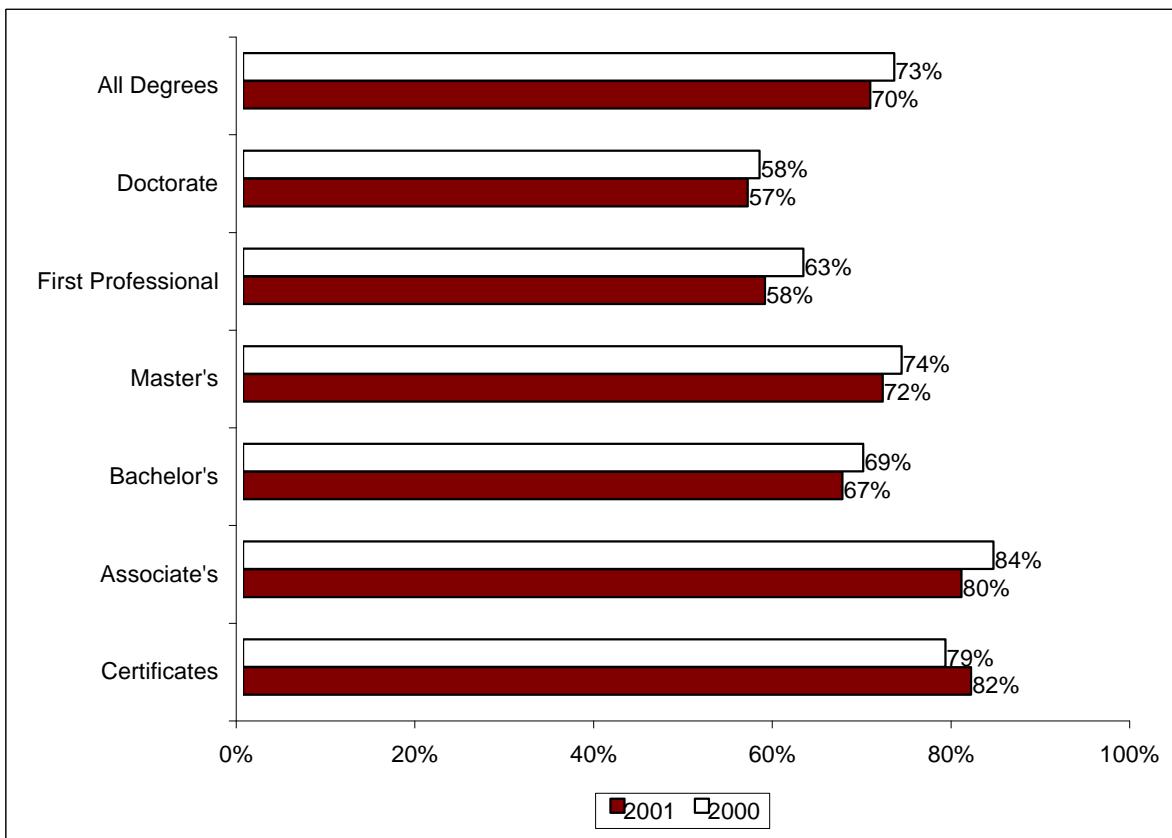
**Pass Rates of Graduate/First Professional Degree Completers  
on Licensure/Certification Examinations  
(Exams Taken July 1, 2001 - June 30, 2002)**



\*Class of 1999

# Education Outcomes

## Resident Graduates Working or in College in West Virginia after Graduation\*



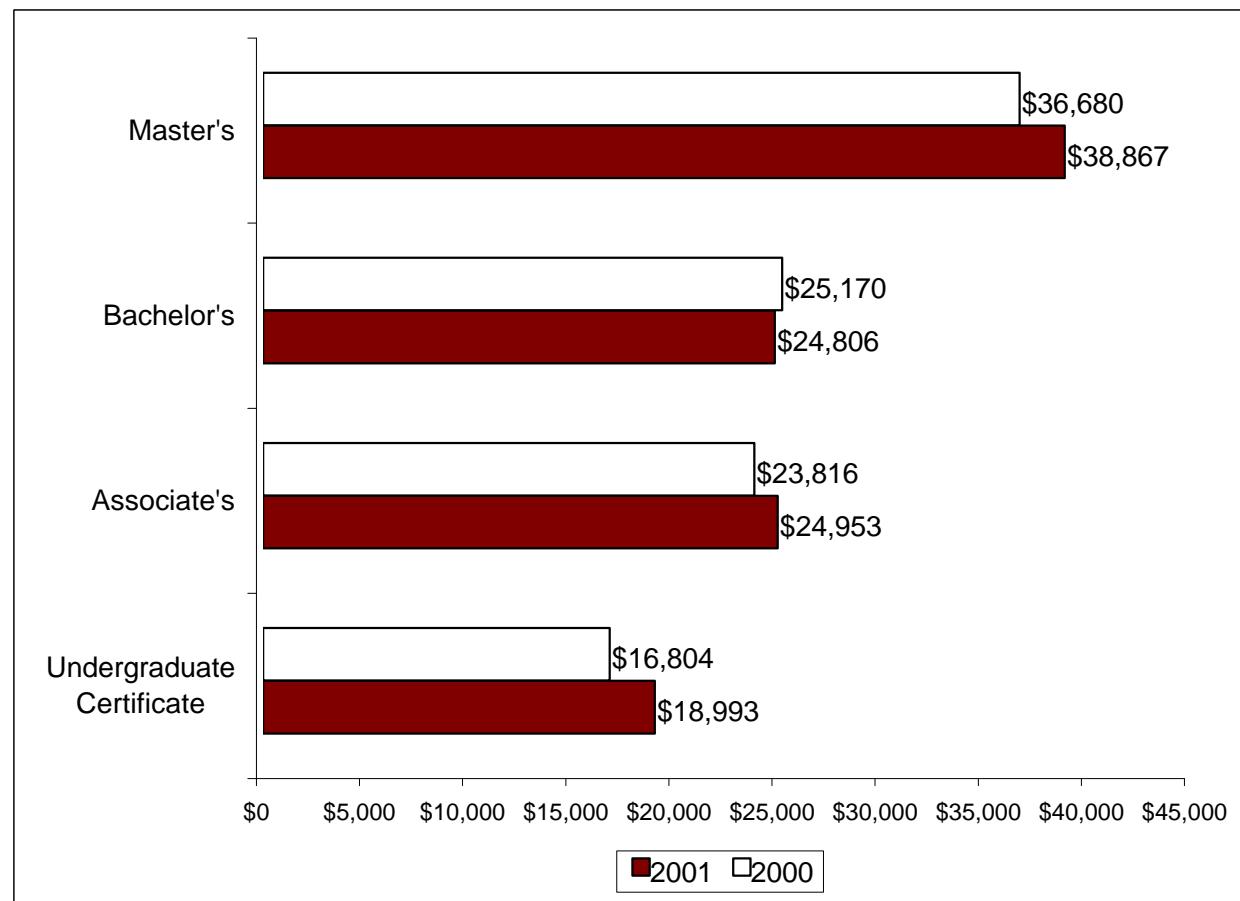
\* Results are for the 1998-99 graduating class in 2000 and the 1999-2000 graduating class in 2001.

Revised January 9, 2003

# Education Outcomes

Increased earnings are among the most important benefits of higher education, although in the first few years after graduation, the earnings of those with associate's degrees are close to or sometimes higher than the earnings of bachelor's degree recipients. In 2000, bachelor's degree recipients earned about \$1,300 more than those with associate's degrees. In 2001, the pattern was reversed, with associate's degree recipients earning about \$150 more on average. Many of the degrees earned at the associate's degree level are in the health and technology fields, which tend to have relatively high earnings.

**Average Earnings of Resident Graduates Working in West Virginia\***



\* Results are for the 1998-99 graduating class in 2000 and the 1999-2000 graduating class in 2001.  
Revised January 9, 2003

HS Core Courses Taken by WV High School Graduates  
First Time Freshmen, Fall 2001

Institution	Number of Freshmen ACT Test Takers	Number Taking ACT Core Courses	Percent Taking ACT Core Courses
Bluefield State College	173	35	20.2%
Concord College	407	163	40.0%
Fairmont State College	698	237	34.0%
Glenville State College	246	77	31.3%
Marshall University	1,243	496	39.9%
Shepherd College	258	75	29.1%
Southern WV Comm. & Tech. College	252	99	39.3%
West Liberty State College	276	80	29.0%
WV Northern Community College	94	22	23.4%
West Virginia State College	286	119	41.6%
West Virginia University	1,413	701	49.6%
Potomac State College of WVU	185	59	31.9%
WVU Institute of Technology	288	135	46.9%
WVU at Parkersburg	302	94	31.1%
Statewide	6,121	2,392	39.1%

Source: ACT Freshman Success Reports, 2001-2002

## Entrance Exam Scores for First Time Full Time Freshmen Graduates of WV High Schools, Fall 2001

	Baccalaureate and Community College				Baccalaureate Students				Community College Students			
	ACT		SAT		ACT		SAT		ACT		SAT	
	#	Average	#	Average	#	Average	#	Average	#	Average	#	Average
MU	1,534	21.0	30	1,035	1,298	21.8	29	1,047	236	16.6	1	680
WVU	1,457	22.6	287	1,104	1,457	22.6	287	1,104	0	0	0	0
WVUIT	363	19.8	3	980	272	20.4	3	980	91	18.2	0	0
WVUP	305	19.4	17	994	84	19.3	0	0	221	19.4	17	994
PSC	208	18.7	15	931	0	0	0	0	208	18.7	15	931
BSC	220	18.3	20	871	21	17.4	2	880	199	18.4	18	870
CC	449	20.8	26	873	449	20.8	26	873	0	0	0	0
FSC	836	18.8	17	876	489	19.7	11	913	347	17.7	6	808
GSC	350	18.7	1	960	220	19.4	1	960	130	17.6	0	0
SC	308	20.4	60	954	250	20.8	48	980	58	17.8	12	852
WLSC	317	19.2	15	949	317	19.2	15	949	0	0	0	0
WVSC	379	18.0	5	726	218	20.4	3	627	161	17.5	2	875
SWVCTC	264	17.8	0	0	0	0	0	0	264	17.8	0	0
WVNCC	125	17.5	0	0	0	0	0	0	125	17.5	0	0
EWVCTC	1	15.0	0	0					1	15.0	0	0
TOTAL	7,120	20.2	496	1,034	5,075	21.1	425	1,056	2,045	18.7	71	902

Average ACT Scores by Subject Area, First-Time Freshmen Fall 1997 and Fall 2001

	1997						2001					
	Number of Students with ACT Scores	Composite	Math	English	Reading	Science	Number of Students with ACT Scores	Composite	Math	English	Reading	Science
Total	8787	19.7	18.4	19.3	20.5	20.2	8745	20.1	18.7	20.0	21.0	20.5
Bluefield State College	318	18.2	16.7	17.7	19.0	18.8	262	18.2	17.1	18.0	18.9	18.8
Concord College	564	20.4	18.8	20.4	21.8	20.9	526	20.7	19.3	21.0	21.8	21.2
Eastern WV Comm. & Tech. College	.	.	.	.	.	.	3	17.7	15.7	14.7	20.0	19.3
Fairmont State College	1018	18.6	17.4	18.0	19.3	19.0	941	18.8	17.4	18.6	19.4	19.2
Glenville State College	395	18.5	16.9	18.0	19.3	19.3	408	18.4	17.2	18.0	19.0	19.1
Marshall University	1855	20.3	18.9	20.3	21.6	21.0	1897	21.0	19.6	21.3	22.4	21.5
Shepherd College	369	20.7	19.1	20.5	22.0	20.8	380	20.2	18.5	20.2	21.0	20.5
Southern WV Comm. & Tech. College	478	17.7	16.2	17.3	18.2	18.1	358	17.8	16.6	17.6	18.4	18.1
West Liberty State College	425	19.4	18.2	18.9	20.1	19.7	466	19.3	17.9	19.2	19.8	19.6
WV Northern Community College	206	17.9	16.7	17.4	16.9	17.4	173	17.6	16.5	17.1	17.9	17.7
West Virginia State College	567	18.0	16.6	17.5	18.8	18.6	527	17.8	16.6	17.4	18.5	18.2
West Virginia University	1438	22.1	20.8	21.8	23.0	22.3	1727	22.4	21.0	22.4	23.3	22.4
Potomac State College of WVU	261	18.0	17.2	17.0	18.6	18.8	244	18.5	17.5	18.1	18.9	19.0
WVU Institute of Technology	422	19.3	18.6	18.6	19.7	20.1	406	19.7	18.8	19.4	20.5	20.5
WVU at Parkersburg	471	18.8	17.6	18.1	19.4	19.5	427	19.2	17.6	18.8	20.1	19.6

## Employment and Educational Activities of Resident 1999-2000 Graduates in 2001

													Total	
	Working in WV but not Attending School		Working in WV and Attending School		Working in West Virginia		Attending School but not Working in WV		Working or Attending School in West Virginia		Neither Working nor Attending School in WV			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Grand Total	4567	51.8%	1282	14.5%	5849	66.3%	340	3.9%	6,189	70.2%	2627	29.8%	8,816	
Degree Level														
Undergraduate Certificate														
FSC	2	66.7%	1	33.3%	3	100.0%	0	0.0%	3	100.0%	0	0.0%	3	
SWVCTC	9	45.0%	5	25.0%	14	70.0%	4	20.0%	18	90.0%	2	10.0%	20	
WVNCC	17	58.6%	3	10.3%	20	69.0%	2	6.9%	22	75.9%	7	24.1%	29	
WVUP	9	69.2%	0	0.0%	9	69.2%	1	7.7%	10	76.9%	3	23.1%	13	
Degree Total	37	56.9%	9	13.8%	46	70.8%	7	10.8%	53	81.5%	12	18.5%	65	
Associates														
BSC	65	41.7%	38	24.4%	103	66.0%	8	5.1%	111	71.2%	45	28.8%	156	
CC	1	50.0%	1	50.0%	2	100.0%	0	0.0%	2	100.0%	0	0.0%	2	
FSC	133	59.1%	45	20.0%	178	79.1%	11	4.9%	189	84.0%	36	16.0%	225	
GSC	47	66.2%	10	14.1%	57	80.3%	4	5.6%	61	85.9%	10	14.1%	71	
MU	139	67.1%	32	15.5%	171	82.6%	8	3.9%	179	86.5%	28	13.5%	207	
SC	20	35.1%	7	12.3%	27	47.4%	9	15.8%	36	63.2%	21	36.8%	57	
SWVCTC	98	57.0%	30	17.4%	128	74.4%	6	3.5%	134	77.9%	38	22.1%	172	
WLSC	7	58.3%	1	8.3%	8	66.7%	0	0.0%	8	66.7%	4	33.3%	12	
WVNCC	87	53.7%	23	14.2%	110	67.9%	10	6.2%	120	74.1%	42	25.9%	162	
WVSC	97	59.5%	33	20.2%	130	79.8%	8	4.9%	138	84.7%	25	15.3%	163	
PSC	30	32.6%	37	40.2%	67	72.8%	9	9.8%	76	82.6%	16	17.4%	92	
WVUIT	105	61.8%	35	20.6%	140	82.4%	6	3.5%	146	85.9%	24	14.1%	170	
WVUP	110	55.6%	31	15.7%	141	71.2%	15	7.6%	156	78.8%	42	21.2%	198	
Degree Total	939	55.7%	323	19.1%	1262	74.8%	94	5.6%	1,356	80.4%	331	19.6%	1,687	

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	Working in WV but not Attending School		Working in WV and Attending School		Working in West Virginia		Attending School but not Working in WV		Working or Attending School in West Virginia		Neither Working nor Attending School in WV		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Bachelors													
BSC	95	59.7%	9	5.7%	104	65.4%	5	3.1%	109	68.6%	50	31.4%	159
CC	153	53.3%	41	14.3%	194	67.6%	7	2.4%	201	70.0%	86	30.0%	287
FSC	314	57.3%	75	13.7%	389	71.0%	16	2.9%	405	73.9%	143	26.1%	548
GSC	125	67.9%	15	8.2%	140	76.1%	3	1.6%	143	77.7%	41	22.3%	184
MU	445	44.7%	176	17.7%	621	62.3%	65	6.5%	686	68.9%	310	31.1%	996
SC	144	48.2%	24	8.0%	168	56.2%	4	1.3%	172	57.5%	127	42.5%	299
WLSC	124	47.9%	16	6.2%	140	54.1%	4	1.5%	144	55.6%	115	44.4%	259
WVSC	236	63.1%	55	14.7%	291	77.8%	7	1.9%	298	79.7%	76	20.3%	374
WVU	614	37.3%	317	19.3%	931	56.6%	103	6.3%	1,034	62.9%	611	37.1%	1,645
WVUIT	121	54.0%	17	7.6%	138	61.6%	5	2.2%	143	63.8%	81	36.2%	224
WVUP	39	60.0%	6	9.2%	45	69.2%	0	0.0%	45	69.2%	20	30.8%	65
Degree Total	2410	47.8%	751	14.9%	3161	62.7%	219	4.3%	3,380	67.1%	1660	32.9%	5,040
First Professional													
MU	22	52.4%	0	0.0%	22	52.4%	0	0.0%	22	52.4%	20	47.6%	42
WVSOM	24	52.2%	0	0.0%	24	52.2%	0	0.0%	24	52.2%	22	47.8%	46
WVU	139	59.4%	2	0.9%	141	60.3%	1	0.4%	142	60.7%	92	39.3%	234
Degree Total	185	57.5%	2	0.6%	187	58.1%	1	0.3%	188	58.4%	134	41.6%	322
Masters/Post Masters Certificate													
MU	450	62.3%	95	13.2%	545	75.5%	11	1.5%	556	77.0%	166	23.0%	722
WVU	523	56.1%	99	10.6%	622	66.7%	8	0.9%	630	67.5%	303	32.5%	933
WVUIT	0	0.0%	0		0	0.0%	0	0.0%	0	0.0%	1	100.0%	1
Degree Total	973	58.8%	194	11.7%	1167	70.5%	19	1.1%	1,186	71.6%	470	28.4%	1,656
Doctoral													
WVU	23	50.0%	3	6.5%	26	56.5%	0	0.0%	26	56.5%	20	43.5%	46
Degree Total	23	50.0%	3	6.5%	26	56.5%	0	0.0%	26	56.5%	20	43.5%	46

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***Earnings of Resident 1999-2000 Graduates who Worked 4 Quarters in 2001***

	Degree Level											
	Undergraduate Certificate		Associates		Bachelors		First Professional		Masters/Post Masters Certificate		Doctoral	
	# Grads	Avg. Earnings	# Grads	Avg. Earnings	# Grads	Avg. Earnings	# Grads	Avg. Earnings	# Grads	Avg. Earnings	# Grads	Avg. Earnings
All Institutions	22	\$18,993	908	\$24,953	2,122	\$24,806	141	\$40,038	963	\$38,867	18	\$47,948
BSC	.	.	79	\$27,725	74	\$29,155	.	.	.	.	.	.
CC	.	.	1	\$11,115	128	\$20,773	.	.	.	.	.	.
FSC	2	\$12,565	144	\$24,268	290	\$23,571	.	.	.	.	.	.
GSC	.	.	40	\$18,553	108	\$22,499	.	.	.	.	.	.
MU	.	.	122	\$28,394	396	\$24,149	17	\$36,667	450	\$39,212	.	.
SC	.	.	17	\$29,661	113	\$27,511	.	.	.	.	.	.
SWVCTC	4	\$12,300	89	\$21,692	.	.	.	.	.	.	.	.
WLSC	.	.	6	\$33,951	94	\$18,000	.	.	.	.	.	.
WVNCC	9	\$17,362	74	\$25,154	.	.	.	.	.	.	.	.
WVSC	.	.	95	\$26,539	224	\$25,451	.	.	.	.	.	.
WVSOM	.	.	.	.	.	.	16	\$42,543	.	.	.	.
WVU	.	.	.	.	570	\$25,227	108	\$40,198	513	\$38,565	18	\$47,948
PSC	.	.	37	\$10,674	.	.	.	.	.	.	.	.
WVUIT	.	.	101	\$28,473	100	\$35,462	.	.	.	.	.	.
WVUP	7	\$26,750	103	\$23,920	25	\$22,614	.	.	.	.	.	.

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